

REMARKS

The Applicant has reviewed the Office Action mailed October 2, 2007. Claims 1-14 were rejected. Claims 15-26 were objected to. Claims 27-30 have been added. Claims 2, 3, 4, 14, and 15 have been canceled. Claims 1, 5-13, and 16-30 are pending.

SPECIFICATION

The disclosure was objected to because of an informality. The disclosure has been amended to overcome the objection.

CLAIM OBJECTIONS

Claims 13, 22, and 25 were objected to because of informalities. Claims 13, 22, and 25 have been amended to overcome the objections. The Applicant thanks the Examiner for the suggested corrections.

CLAIM REJECTIONS – 35 USC § 102

Claims 1-5, 13, and 14 were rejected under 35 U.S.C. § 102(b) as being anticipated by Nelson (US 5,666,512). Applicant respectfully traverses the rejection of claims 1-5, 13, and 14.

Claim 1 has been amended to include elements similar to those of objected to Claim 14, which was indicated to be allowable if rewritten in independent form. In addition, Nelson fails to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage

media based upon the identified threshold value”, as in Claim 1. Further, Claim 13 includes similar elements that Nelson fails to disclose.

Claim 5 depends from Claim 1 and is at least allowable as a dependent claim depending from allowable Claim 1.

CLAIM REJECTIONS – 35 USC § 103

Claim 6 is Allowable

Claim 6 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of DeKoning (US 5,790,773). Applicant respectfully traverses the rejection of Claim 6. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. In addition, DeKoning also fails to teach at least the same elements of Claim 1 that Nelson fails to teach.

Furthermore, the combination of Nelson and DeKoning fails to teach all of the elements of Claim 1. For example, Nelson and DeKoning, either alone or in combination, fail to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage media based upon the identified threshold value”, as in Claim 1.

Claim 6 depends from Claim 1, which Applicant has shown to be allowable over the combination of Nelson and DeKoning. Hence, Nelson and DeKoning, either alone or in combination, fail to disclose at least one element of Claim 6. Accordingly, Claim 6 is also allowable, at least by virtue of its dependence from Claim 1.

Claim 7 is Allowable

Claim 7 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of Malan (US 5,519,849). Applicant respectfully traverses the rejection of Claim 7. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. In addition, Malan also fails to teach at least the same elements of Claim 1 that Nelson fails to teach.

Furthermore, the combination of Nelson and Malan fails to teach all of the elements of Claim 1. For example, Nelson and Malan, either alone or in combination, fail to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage media based upon the identified threshold value”, as in Claim 1.

Claim 7 depends from Claim 1, which Applicant has shown to be allowable over the combination of Nelson and Malan. Hence, Nelson and Malan, either alone or in combination, fail to disclose at least one element of Claim 7. Accordingly, Claim 7 is also allowable, at least by virtue of its dependence from Claim 1.

Claim 8 is Allowable

Claim 8 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of Official Notice. Applicant respectfully traverses the rejection of Claim 8. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. Claim 8 depends from Claim 1, which Applicant has shown to be allowable over Nelson. Hence, Nelson fails to disclose at least one element of Claim 8. Accordingly, Claim 8 is also allowable, at least by virtue of its dependence from Claim 1.

Claims 9 and 11 are Allowable

Claims 9 and 11 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of Official Notice, further in view of Talagala (US 6,880,060). Applicant respectfully traverses the rejection of Claims 9 and 11. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. In addition, Talagala also fails to teach at least the same elements of Claim 1 that Nelson fails to teach.

Furthermore, the combination of Nelson, Official Notice, and Talagala fails to teach all of the elements of Claim 1. For example, Nelson, Official Notice, and Talagala, either alone or in combination, fail to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage media based upon the identified threshold value”, as in Claim 1.

Claims 9 and 11 depend from Claim 1, which Applicant has shown to be allowable over the combination of Nelson, Official Notice, and Talagala. Hence, Nelson, Official Notice, and Talagala, either alone or in combination, fail to disclose at least one element of Claims 9 and 11. Accordingly, Claims 9 and 11 are also allowable, at least by virtue of their dependence from Claim 1.

Claim 10 is Allowable

Claim 10 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of Official Notice, further in view of Talagala, further in view of Fung (US 7,133,228). Applicant respectfully traverses the rejection of Claim 10. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. In addition, Talagala and Fung also fail to teach at least the same elements of Claim 1 that Nelson fails to teach.

Furthermore, the combination of Nelson, Official Notice, Talagala, and Fung fails to teach all of the elements of Claim 1. For example, Nelson, Official Notice, Talagala, and Fung either alone or in combination, fail to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and

a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage media based upon the identified threshold value”, as in Claim 1.

Claim 10 depends from Claim 1, which Applicant has shown to be allowable over the combination of Nelson, Official Notice, Talagala, and Fung. Hence, Nelson, Official Notice, Talagala, and Fung, either alone or in combination, fail to disclose at least one element of Claim 10. Accordingly, Claim 10 is also allowable, at least by virtue of its dependence from Claim 1.

Claim 12 is Allowable

Claim 12 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Nelson in view of Official Notice, further in view of Talagala, further in view of DeKoning, further in view of Malan. Applicant respectfully traverses the rejection of Claim 12. For at least the aforementioned reasons, Nelson fails to disclose all of the elements of Claim 1. In addition, Talagala, DeKoning, and Malan also fail to teach at least the same elements of Claim 1 that Nelson fails to teach.

Furthermore, the combination of Nelson, Official Notice, Talagala, DeKoning, and Malan fails to teach all of the elements of Claim 1. For example, Nelson, Official Notice, Talagala, DeKoning, and Malan, either alone or in combination, fail to teach a controller configured to “compare the amount of available data storage space against a plurality of threshold values, wherein each of the plurality of thresholds corresponds to an amount of available data storage space on the storage media and a method of error correction” and “select a method of generating additional error correction information from a plurality of methods of generating additional error correction information for data stored on the storage media based upon the identified threshold value”, as in Claim 1.

Claim 12 depends from Claim 1, which Applicant has shown to be allowable over the combination of Nelson, Official Notice, Talagala, DeKoning, and Malan. Hence, Nelson, Official Notice, Talagala, DeKoning, and Malan, either alone or in combination, fail to disclose at least one element of Claim 12. Accordingly, Claim 12 is also allowable, at least by virtue of its dependence from Claim 1.

ALLOWABLE SUBJECT MATTER

Claims 15-26 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 1 and 13 have been amended to include elements similar to Claim 15. Thus, Claims 15-26 are allowable.

CONCLUSION

Applicant has pointed out specific features of the claims not disclosed, suggested, or rendered obvious by the reference applied in the Office Action. Accordingly, Applicant respectfully requests reconsideration and withdrawal of each of the rejections, as well as an indication of the allowability of each of the pending claims. If, for any reason, the Office is unable to allow the Application on the next Office Action, and believes a telephone interview would be helpful, the Examiner is respectfully requested to contact the undersigned attorney.

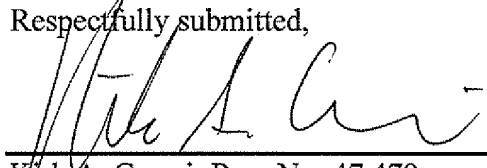
Any changes to the claims in this amendment, which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

Applicant does not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account Number 50-2469.

12-27-2007

Date

Respectfully submitted,



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